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(54) Title: SCREENING METHODS FOR COMPOUNDS USEFUL IN THE REGULATION OF CELL PROLIFERATION

## (57) Abstract

The present invention relates to methods for identifying compounds capable of modulating the expression of the Hsp72 gene and/or the synthesis or activity of the Hsp72 gene product. It is based, at least in part, on the identification of an association between overexpression of Hsp72 and oncogenic transformation. The invention further relates to methods for treatment of Hsp72-mediated proliferative disorders, wherein said methods comprise administering a compound which modulates the expression of the Hsp72 gene and/or the synthesis or activity of the Hsp72 gene product so that symptoms of the proliferative disorder are ameliorated.